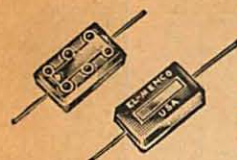


Elmenco Silvered Mica Capacitors



Molded silvered mica capacitors manufactured in accordance with MIL-C-5 military specifications and EIA specification RS-153. Standard part numbers for molded mica capacitors have nine characters, containing complete and specific information for the part. **Typical Number CM-20-D-471-J**: "CM", molded capacitor; "20", case size; "D", characteristic; "471", capacitance value; "J", tolerance designation. **Case Size**: Precedes tables below. **Characteristics**: See designation table. **Capacity Value**: See tables below. **Tolerances Available**: ±5%, ±2%, ±1%, ±½%, ±¼%. **Pricing** is for ±5% (J) tolerance. **Temperature Range**: All types, -55° C to +85° C. **Vibration Frequency**: Withstands 10-2,000 cps (all types). **Ordering**: Specify characteristic letter(s) and tolerance suffix to meet specifications required. **Voltage**: 500 WVDC except as otherwise noted.

TYPE CM-30 (CONT'D)

Elmenco No. CM-30	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
E-162J	1600	\$0.51	\$0.459	\$0.306	\$0.255
E-182J	1800	.54	.486	.324	.27
E-202J	2000	.60	.54	.36	.30
E-222J	2200	.66	.594	.396	.33
E-242J	2400	.72	.648	.432	.36
E-252J	2500	.72	.648	.432	.36
E-272J	2700	.78	.702	.468	.39
E-302J	3000	.84	.756	.504	.42
E-332J	3300	.90	.81	.54	.45
E-362J	3600	.96	.864	.576	.48
E-392J	3900	1.02	.918	.612	.51
E-432J	4300	1.08	.972	.648	.54
E-472J	4700	1.14	1.026	.684	.57
E-502J	5000	1.20	1.08	.72	.60
E-512J	5100	1.20	1.08	.72	.60
E-562J	5600	1.26	1.134	.756	.63
E-622J	6200	1.32	1.188	.792	.66

TYPES CM-19 AND CM-20 (CONT'D)

Elmenco No. CM-20	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
C-270J	27	\$0.18	\$0.162	\$0.108	\$0.09
C-330J	33	.18	.162	.108	.09
C-360J	36	.18	.162	.108	.09
C-390J	39	.18	.162	.108	.09
C-430J	43	.18	.162	.108	.09
C-470J	47	.18	.162	.108	.09
C-500J	50	.18	.162	.108	.09
C-510J	51	.18	.162	.108	.09
C-560J	56	.18	.162	.108	.09
C-620J	62	.18	.162	.108	.09
C-680J	68	.18	.162	.108	.09
C-750J	75	.18	.162	.108	.09
C-820J	82	.18	.162	.108	.09
C-910J	91	.18	.162	.108	.09
C-101J	100	.18	.162	.108	.09
C-111J	110	.21	.189	.126	.105
C-121J	120	.21	.189	.126	.105
C-131J	130	.21	.189	.126	.105
C-151J	150	.21	.189	.126	.105
C-161J	160	.21	.189	.126	.105
C-181J	180	.21	.189	.126	.105
D-201J	200	.21	.189	.126	.105
D-221J	220	.21	.189	.126	.105
D-241J	240	.24	.216	.144	.12
D-251J	250	.24	.216	.144	.12
D-271J	270	.24	.216	.144	.12
D-301J	300	.24	.216	.144	.12
D-331J	330	.24	.216	.144	.12
D-361J	360	.24	.216	.144	.12
D-391J	390	.27	.243	.162	.135
D-431J	430	.27	.243	.162	.135
D-471J	470	.27	.243	.162	.135
D-501J	500	.30	.27	.18	.15
D-511J	510	.30	.27	.18	.15
D-561J	560	.30	.27	.18	.15
D-621J	620	.33	.297	.198	.165
D-681J	680	.36	.324	.216	.18
D-751J	750	.36	.324	.216	.18
D-821J	820	.39	.351	.234	.195
D-911J	910	.42	.378	.252	.21
E-102J	1000	.42	.378	.252	.21
E-112J	1100	.45	.405	.27	.225
E-122J	1200	.48	.432	.288	.24
E-132J	1300	.48	.432	.288	.24
E-152J	1500	.51	.459	.306	.255
E-162J	1600	.54	.486	.324	.27
E-182J	1800	.60	.54	.36	.30
E-202J	2000	.66	.594	.396	.33
E-222J	2200	.72	.648	.432	.36
E-242J	2400	.75	.675	.45	.375
E-252J	2500	.78	.702	.468	.39
E-272J	2700	.84	.756	.504	.42
E-302J	3000	.90	.81	.54	.45
E-332J	3300	.96	.864	.576	.48
E-362J*	3600	1.02	.918	.612	.51
E-392J*	3900	1.08	.972	.648	.54
E-432J*	4300	1.14	1.026	.684	.57
E-472J*	4700	1.20	1.08	.72	.60
E-502J*	5000	1.26	1.134	.756	.63
E-512J*	5100	1.26	1.134	.756	.63

*Voltage, 300 WVDC. Note: CM-19 and CM-20 available in "E" characteristic above 110 pF and "F" characteristic above 200 pF. Capacitance values from 5 pF to 2400 pF can be supplied in CM-19 cases. In values above 1,000 pF, add 10% to the prices shown.

TYPE CM-30

Elmenco No. CM-30	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
E-511J	510	\$0.33	\$0.297	\$0.198	\$0.165
E-561J	560	.36	.324	.216	.18
E-621J	620	.36	.324	.216	.18
E-681J	680	.39	.351	.234	.195
E-751J	750	.39	.351	.234	.195
E-821J	820	.42	.378	.252	.21
E-911J	910	.42	.378	.252	.21
E-102J	1000	.45	.405	.27	.225
E-112J	1100	.45	.405	.27	.225
E-122J	1200	.45	.405	.27	.225
E-132J	1300	.48	.432	.288	.24
E-152J	1500	.51	.459	.306	.255

CHARACTERISTICS DESIGNATION

*	Capacitance Drift	TC ppm/°C
A	±(5% + 1 pF)†	EIA, ±1000†
B	±(3% + 1 pF)†	EIA, ±500†
C	±0.5%	-200 to +200
D	±0.3%	-100 to +100
E	±(0.1% + 0.1 pF)	±20 to ±100
F	±(0.05% + 0.1 pF)	0 to +70

*Characteristic letter, †MIL not specified.

TYPE CM-15

Size: ½" lg. x ¾" w. Thickness: ⅜". 1-300 pF; ⅜", 310-510 pF.

Elmenco No. CM-15	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
C-010J	1†	\$0.18	\$0.162	\$0.108	\$0.09
C-020J	2†	.18	.162	.108	.09
C-030J	3†	.18	.162	.108	.09
C-050J	5†	.18	.162	.108	.09
C-100J	10	.18	.162	.108	.09
C-120J	12	.18	.162	.108	.09
C-150J	15	.18	.162	.108	.09
C-180J	18	.18	.162	.108	.09
C-200J	20	.18	.162	.108	.09
C-220J	22	.18	.162	.108	.09
E-240J	24	.18	.162	.108	.09
E-270J	27	.18	.162	.108	.09
E-300J	30	.18	.162	.108	.09
E-330J	33	.18	.162	.108	.09
E-360J	36	.18	.162	.108	.09
E-390J	39	.18	.162	.108	.09
E-430J	43	.18	.162	.108	.09
E-470J	47	.18	.162	.108	.09
E-500J	50	.18	.162	.108	.09
E-510J	51	.18	.162	.108	.09
E-560J	56	.18	.162	.108	.09
E-620J	62	.18	.162	.108	.09
E-680J	68	.18	.162	.108	.09
E-750J	75	.18	.162	.108	.09
E-820J	82	.18	.162	.108	.09
E-910J	91	.18	.162	.108	.09
E-101J	100	.18	.162	.108	.09
E-111J	110	.21	.189	.126	.105
E-121J	120	.21	.189	.126	.105
E-131J	130	.21	.189	.126	.105
E-151J	150	.21	.189	.126	.105
E-161J	160	.24	.216	.144	.12
E-181J	180	.24	.216	.144	.12
E-201J	200	.24	.216	.144	.12
E-221J	220	.27	.243	.162	.135
E-241J	240	.27	.243	.162	.135
E-251J	250	.27	.243	.162	.135
E-271J	270	.30	.27	.18	.15
E-301J	300	.30	.27	.18	.15
E-331J	330	.33	.297	.198	.165
E-361J	360	.36	.324	.216	.18
E-391J	390	.39	.351	.234	.195
E-431J	430	.39	.351	.234	.195
E-471J	470	.42	.378	.252	.21
E-501J	500	.42	.378	.252	.21
E-511J	510	.42	.378	.252	.21
E-561J	560	.42	.378	.252	.21
E-621J*	620	.45	.405	.27	.225
E-681J	680	.48	.432	.288	.24
E-751J*	750	.51	.459	.306	.255
E-821J*	820	.54	.486	.324	.27

*Voltage, 100 WVDC. †Closest tolerance available above 100 pF. CM-15 available in "F" characteristic above 30 pF; no extra cost.

TYPES CM-19 AND CM-20

Size: ½" w. x ½" thick. Length: CM-19, ⅜"; CM-20, ⅜".

Elmenco No. CM-20	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
C-050J	5	\$0.18	\$0.162	\$0.108	\$0.09
C-100J	10	.18	.162	.108	.09
C-120J	12	.18	.162	.108	.09
C-150J	15	.18	.162	.108	.09
C-180J	18	.18	.162	.108	.09
C-200J	20	.18	.162	.108	.09
C-220J	22	.18	.162	.108	.09
C-240J	24	.18	.162	.108	.09

TYPE CM-35

Size: 1½" x 1½" x 1½".

Elmenco No. CM-35	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
E-682J*	6800	\$1.32	\$1.188	\$0.792	\$0.66
E-752J*	7500	1.44	1.296	.864	.72
E-822J*	8200	1.56	1.404	.936	.78
E-912J*	9100	1.68	1.512	1.008	.84
E-103J*	10000	1.86	1.674	1.116	.93
E-123J*	12000	2.16	1.944	1.296	1.08
E-153J*	15000	2.58	2.322	1.548	1.29
E-682J*	6800	1.44	1.296	.864	.72
E-752J*	7500	1.56	1.404	.936	.78
E-822J*	8200	1.68	1.512	1.008	.84
E-912J*	9100	1.86	1.674	1.116	.93
E-103J*	10000	2.04	1.836	1.224	1.02

*Voltage, 300 WVDC. †For 500 WVDC, add prefix V to No., e.g. VCM-35-E-682J.

TYPE CM-42

Size: 1½" x 1½" x 1½".

Elmenco No. CM-42	Cap., pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
E-122J*	12000	\$2.82	\$2.538	\$1.692	\$1.41
E-133J*	13000	3.06	2.754	1.836	1.53
E-153J*	15000	3.48	3.132	2.088	1.74
E-163J*	16000	3.72	3.348	2.232	1.86
E-183J*	18000	4.14	3.726	2.484	2.07
E-203J*	20000	4.56	4.104	2.736	2.28
E-223J*	22000	4.98	4.482	2.988	2.49
E-243J*	24000	5.40	4.86	3.24	2.70
E-253J*	25000	5.64	5.076	3.384	2.82
E-273J*	27000	5.40	4.86	3.24	2.70
E-303J*	30000	5.64	5.076	3.384	2.82
E-333J*	33000	6.12	5.508	3.672	3.06
E-363J*	36000	6.84	6.156	4.104	3.42
E-393J*	39000	7.56	6.804	4.536	3.78

Elmenco Mylar Capacitors, Trimmers



Designed for use in a variety of circuits ranging from TV bypass to critical industrial applications requiring stringent electrical and environmental characteristics. Non-inductively wound and vacuum dipped to obtain solid impregnation and rugged moisture-resistant coat. Special winding design provides insulation resistance comparable to competitive polyester film units. High reliability maintained in constant operation at 125°C at full rated voltage (derating required at higher temperatures). Miniaturized for transistor circuitry yet compare favorably in price with commercial general purpose units. Crimped radial leads to facilitate use in printed circuits. Leads are tinned copper #20 gauge and 1/32" lg. min. below the crimp. Standard tolerance, ±10%. ©Reg. DuPont TM.

100 WVDC

Elmenco No. 1DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
1-502	.005	50.18	50.162	50.126	50.09
1-602	.006	18	162	108	09
1-682	.0068	18	162	108	09
1-752	.0075	18	162	108	09
1-103	.01	18	162	108	09
1-153	.015	18	162	108	09
1-203	.02	18	162	108	09
1-223	.022	18	162	108	09
1-253	.025	18	162	108	09
1-303	.03	18	162	108	09
1-333	.033	18	162	108	09
1-403	.04	18	162	108	09
2-473	.047	21	189	126	105
2-503	.05	21	189	126	105
2-563	.056	21	189	126	105
2-683	.068	21	189	126	105
2-753	.075	21	189	126	105
2-104	.1	21	189	126	105
3-154	.15	24	216	144	12
3-204	.2	27	243	162	135
3-224	.22	27	243	162	135
3-254	.25	27	243	162	135
4-334	.33	36	324	216	18
4-474	.47	45	405	27	225
4-504	.5	45	405	27	225
5-684	.68	57	513	342	285
5-105	1.0	72	648	432	36

200 WVDC

Elmenco No. 2DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
3-104	.1	50.21	50.189	50.126	50.105
3-154	.15	24	216	144	12
4-204	.2	27	243	162	135
4-224	.22	27	243	162	135
4-254	.25	27	243	162	135
5-334	.33	36	324	216	18
5-474	.47	45	405	27	225
5-504	.5	45	405	27	225

400 WVDC

Elmenco No. 4DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
1-103	.01	50.15	50.135	50.09	50.075
1-153	.015	15	135	09	075
2-203	.02	15	135	09	075
2-223	.022	18	162	108	09
2-253	.025	18	162	108	09
2-303	.03	18	162	108	09
2-333	.033	18	162	108	09
3-403	.04	18	162	108	09
3-473	.047	21	189	126	105
3-503	.05	21	189	126	105
3-563	.056	21	189	126	105
3-683	.068	24	216	144	12
3-753	.075	24	216	144	12
3-104	.1	24	216	144	12
4-154	.15	27	243	162	135
5-204	.2	33	297	198	165
5-224	.22	33	297	198	165
5-254	.25	36	324	216	18
5-274	.27	36	324	216	18
5-334	.33	54	486	324	27
6-474	.47	66	594	396	33
6-504	.5	72	648	432	36

600 WVDC

Elmenco No. 6DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
1-102	.001	50.15	50.135	50.09	50.075
1-122	.0012	15	135	09	075
1-152	.0015	15	135	09	075
1-202	.002	15	135	09	075
1-222	.0022	15	135	09	075

HARVEY RADIO CO., INC. WOODBURY, L. I. AND NEW YORK CITY

TYPE DP MYLAR PAPER CAPACITORS

600 WVDC (CONTINUED)

Elmenco No. 6DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
1-252	.0025	50.15	50.135	50.09	50.075
1-272	.0027	15	135	09	075
1-302	.003	15	135	09	075
1-332	.0033	15	135	09	075
1-392	.0039	15	135	09	075
1-402	.004	15	135	09	075
1-472	.0047	15	135	09	075
1-502	.005	15	135	09	075
1-562	.0056	15	135	09	075
1-602	.006	15	135	09	075
1-682	.0068	18	162	108	09
2-752	.0075	18	162	108	09
2-802	.008	18	162	108	09
2-822	.0082	18	162	108	09
2-103	.01	18	162	108	09
2-123	.012	18	162	108	09
2-153	.015	18	162	108	09
2-183	.018	18	162	108	09
2-203	.02	18	162	108	09
2-223	.022	18	162	108	09
2-253	.025	21	189	126	105
3-273	.027	21	189	126	105
3-303	.03	21	189	126	105
3-333	.033	21	189	126	105
3-393	.039	21	189	126	105
3-403	.04	21	189	126	105
3-473	.047	24	216	144	12
3-503	.05	24	216	144	12
3-563	.056	24	216	144	12
3-603	.06	27	243	162	135
4-683	.068	27	243	162	135
4-753	.075	27	243	162	135
4-823	.082	27	243	162	135
4-104	1	27	243	162	135
5-154	.15	36	324	216	18
5-204	.2	42	378	252	21
5-224	.22	42	378	252	21
5-254	.25	45	405	27	225
6-334	.33	63	567	378	315
6-474	.47	90	81	54	45
6-504	.5	90	81	54	45

1600 WVDC

Elmenco No. 16DP-	Cap., μF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
2-102	.001	50.24	50.216	50.144	50.12
2-152	.0015	24	216	144	12
2-182	.0018	24	216	144	12
2-202	.002	24	216	144	12
2-222	.0022	24	216	144	12
2-252	.0025	27	243	162	135
2-302	.003	27	243	162	135
2-332	.0033	27	243	162	135
2-402	.004	27	243	162	135
2-472	.0047	27	243	162	135
2-502	.005	27	243	162	135
3-602	.006	30	27	18	15
3-702	.007	30	27	18	15
3-752	.0075	30	27	18	15
3-802	.008	30	27	18	15
3-103	.01	30	27	18	15
4-153	.015	33	297	198	165
4-183	.018	36	324	216	18
4-203	.02	36	324	216	18
5-223	.022	42	378	252	21
5-253	.025	42	378	252	21
5-303	.03	42	378	252	21
5-333	.033	42	378	252	21
5-403	.04	45	405	27	225
5-473	.047	48	432	288	24
5-503	.05	48	432	288	24

DIMENSIONS FOR TYPE DP CAPACITORS

Type	L. x H. x W.	
	Inches*	
DP-1	1/4" x 3/8" x 3/16"	
DP-2	1/4" x 1/2" x 1/16"	
DP-3	1/4" x 3/4" x 1/16"	
DP-4	1/4" x 1/2" x 1/16"	
DP-5	1/4" x 1" x 3/16"	
DP-6	2/8" x 1/2" x 1/16"	

*Include highest capacitance values in each size. Since dipped unit size varies with size of winding, lower capacitances will have smaller dimensions.

TRIMMER AND PADDER CAPACITORS

TYPE 40, 42, 46 TRIMMERS

Type 40: Miniature, 3/8" x 3/8". Type 42: Midjet, 3/8" x 3/8". Type 46: Standard, 3/4" x 3/8". India ruby mica. Ceramic base.

175 VVDC, 350 VVDC

Elmenco No.	No. of Plates	Guar. Cap., pF		Net Ea., 1-24
		Tight (Min.)	Open* (Max.)	
400	1 1/2	7	0.9	\$0.30
402	2	20	1.5	.30
403	3	35	3	.36
404	4	60	8	.39
420	1 1/2	12	1	.30
421	1 3/4	25	2	.30
422	2	40	4	.30
423	3	100	7	.33
424	4	150	14	.39
425	5	200	24	.42
426	6	250	37	.48
427	7	300	55	.54
428	8	350	70	.57
429	9	400	90	.63
4210	10	450	110	.75
4211	11	500	130	.81
4212	12	550	150	.90
4213	13	600	170	.99
4214	14	650	190	1.05
4215	15	700	210	1.14
460	1 1/2	15	1.5	.30
461	1 3/4	30	2.7	.30
462	2	80	5	.30
463	3	180	9	.33
464	4	280	25	.39
465	5	380	50	.42
466	6	480	80	.48
467	7	580	110	.54
468	8	680	140	.57
469	9	780	170	.63
4610	10	900	190	.72
4611	11	1000	210	.78
4612	12	1100	240	.84
4613	13	1200	300	.93
4614	14	1300	340	1.02
4615	15	1400	390	1.11

*At 3 turns.

Note: Type 46 trimmer assembly with mtg. bracket and adjusting shaft for ease of tuning is also available. Add prefix "S" to trimmer number and add 27c to the net price. Type 40, 42 and 46 also available as printed circuit trimmers. Prefix "PC" and add 3c to net price.

TYPE 30, 30-M, 50, 58 PADDERS

Type 30, 30-M: 3/8" x 1 1/2". "30" is 250 WVDC; 500 VVDC; "30-M" is 500 WVDC, 1000 VVDC. Type 50: Dual, tuning components for IF transformers; 175 VVDC; fits shield 1 1/2" sq. or larger. Type 58: 1" x 1 1/2"; single variable trimmer; 175 VVDC. India ruby mica, steatite base.

Elmenco No.	No. of Plates	Guar. Cap., pF		Net Ea., 1-24
		1 3/4" lbs. (Min.)	Open* (Max.)	
302	2	130	15	\$0.54
303	3	340	65	.57
304	4	550	100	.63
305	5	760	190	.69
306	6	970	275	.72
307	7	1180	350	.78
308	8	1390	450	.84
309	9	1600	550	.87
310	10	1890	650	.93
311	11	2110	780	.99
312	12	2330	880	1.05
313	13	2605	1150	1.14
314	14	2830	1300	1.20
315	15	3055	1400	1.26
302-M	2	120	15	.54
303-M	3	320	65	.60
304-M	4	500	100	.66
305-M	5	690	150	.72
306-M	6	880	265	.78
307-M	7	1070	340	.84
308-M	8	1260	425	.90
309-M	9	1415	525	.96
310-M	10			

Elmenco Dur-Mica Capacitors



Highly reliable, compact silvered mica capacitors coated for maximum protection against moisture and temperature extremes. Meet or exceed MIL-C-5C and EIA standards for fixed mica capacitors. Leads: Wire gauge #26 (DM-10), #22 (DM-15, -16), #20 (DM-19, -20), #18 (DM-30, -42, -43). Tinned brass except the following which are copper-clad steel, 30% min. conductivity: DM-10, -42, -43; DM-19 and -20, 3000 pF and above; DM-30, 10,000 pF and above. All $1\frac{1}{2} \times \frac{1}{8}$ in.

min. Operating Temperature Range: -55° C to +150° C. Type DM: Per MIL-C-5C. Type SCDM: Single coat of durez; thinner than regular DM-10's, DM-15's and DM-19's. To order, use prefix SC. Tolerances Available: ±10%, ±5%, ±2%, ±1% and ±½%. Prices are for ±5% (J) tolerance except as otherwise noted. Voltage: 500 WVDC except as otherwise noted.

TYPE DM-10—500 WVDC (SCDM-10 values and prices the same.)

Elmenco Number	Cap. pF	Net Each, Lots of			
		1-24	25-99	100-499	500-999
DM-10-010K	1	\$0.18	\$0.162	\$0.108	\$0.09
DM-10-020K	2	.18	.162	.108	.09
DM-10-030K	3	.18	.162	.108	.09
DM-10-050K	5	.18	.162	.108	.09
DM-10-100J	10	.198	.178	.119	.099
DM-10-120J	12	.234	.211	.14	.117
DM-10-150J	15	.234	.211	.14	.117
DM-10-180J	18	.234	.211	.14	.117
DM-10-200J	20	.234	.211	.14	.117
DM-10-220J	22	.234	.211	.14	.117
DM-10-240J	24	.234	.211	.14	.117
DM-10-270J	27	.234	.211	.14	.117
DM-10-300J	30	.234	.211	.14	.117
DM-10-330J	33	.234	.211	.14	.117
DM-10-360J	36	.234	.211	.14	.117
DM-10-390J	39	.234	.211	.14	.117
DM-10-430J	43	.234	.211	.14	.117
DM-10-470J	47	.264	.238	.158	.132
DM-10-500J	50	.264	.238	.158	.132
DM-10-510J	51	.264	.238	.158	.132
DM-10-560J	56	.264	.238	.158	.132
DM-10-620J	62	.264	.238	.158	.132
DM-10-680J	68	.264	.238	.158	.132
DM-10-750J	75	.264	.238	.158	.132
DM-10-820J	82	.264	.238	.158	.132
DM-10-910J	91	.264	.238	.158	.132
DM-10-101J	100	.264	.238	.158	.132
DM-10-111J	110	.264	.238	.158	.132
DM-10-121J	120	.30	.27	.18	.15
DM-10-131J	130	.30	.27	.18	.15
DM-10-151J	150	.33	.297	.198	.165
DM-10-161J	160	.366	.329	.22	.183
DM-10-181J	180	.396	.356	.238	.198
DM-10-201J	200	.396	.356	.238	.198
DM-10-221J	220	.432	.389	.259	.216
DM-10-241J	240	.462	.416	.277	.231
DM-10-251J	250	.462	.416	.277	.231
DM-10-271J*	270	.462	.416	.277	.231
DM-10-301J*	300	.498	.448	.299	.249
DM-10-331J†	330	.498	.448	.299	.249
DM-10-361J†	360	.528	.475	.317	.264
DM-10-391J†	390	.564	.508	.338	.282

TYPE DM-15—500 WVDC

(SCDM-15 values and prices are the same.) Values 1 to 24 pF are "C" characteristic; 27 to 82 pF, "E" char.; 91 pF and up, "F" characteristic.

Elmenco Number	MIL-C-5C Type	Cap. pF	Net Each, Lots of			
			1-24	25-99	100-499	500-999
DM-15-010K		1	\$0.15	\$0.135	\$0.09	\$0.075
DM-15-020K		2	.15	.135	.09	.075
DM-15-030K		3	.15	.135	.09	.075
DM-15-050K		5	.15	.135	.09	.075
DM-15-060K	CM05C050K03	6	.15	.135	.09	.075
DM-15-070K	CM05C070K03	7	.15	.135	.09	.075
DM-15-080K	CM05C080K03	8	.15	.135	.09	.075
DM-15-100J	CM05C100J03	10	.168	.151	.101	.084
DM-15-120J	CM05C120J03	12	.168	.151	.101	.084
DM-15-150J	CM05C150J03	15	.168	.151	.101	.084
DM-15-180J	CM05C180J03	18	.168	.151	.101	.084
DM-15-200J	CM05E200J03	20	.168	.151	.101	.084
DM-15-220J	CM05E220J03	22	.168	.151	.101	.084
DM-15-240J	CM05E240J03	24	.168	.151	.101	.084
DM-15-270J	CM05E270J03	27	.168	.151	.101	.084
DM-15-300J	CM05F301J03	30	.168	.151	.101	.084
DM-15-330J	CM05F330J03	33	.168	.151	.101	.084
DM-15-360J	CM05E360J03	36	.168	.151	.101	.084
DM-15-390J	CM05E390J03	39	.168	.151	.101	.084
DM-15-430J	CM05E430J03	43	.168	.151	.101	.084
DM-15-470J	CM05E470J03	47	.168	.151	.101	.084
DM-15-500J		50	.168	.151	.101	.084
DM-15-510J	CM05E510J03	51	.168	.151	.101	.084
DM-15-560J	CM05E560J03	56	.168	.151	.101	.084
DM-15-620J	CM05E620J03	62	.168	.151	.101	.084
DM-15-680J	CM05E680J03	68	.168	.151	.101	.084
DM-15-750J	CM05E750J03	75	.168	.151	.101	.084
DM-15-820J	CM05E820J03	82	.168	.151	.101	.084
DM-15-910J	CM05F910J03	91	.168	.151	.101	.084
DM-15-101J	CM05F101J03	100	.168	.151	.101	.084
DM-15-111J	CM05F111J03	110	.198	.178	.119	.099
DM-15-121J	CM05F121J03	120	.198	.178	.119	.099
DM-15-131J	CM05F131J03	130	.198	.178	.119	.099
DM-15-151J	CM05F151J03	150	.198	.178	.119	.099
DM-15-161J	CM05F161J03	160	.234	.211	.14	.117

TYPE DM-15 (CONT'D)

Elmenco Number	MIL-C-5C Type	Cap. pF	Net Each, Lots of			
			1-24	25-99	100-499	500-999
DM-15-181J	CM05F181J03	180	\$0.234	\$0.211	\$0.14	\$0.117
DM-15-201J	CM05F201J03	200	.234	.211	.14	.117
DM-15-221J	CM05F221J03	220	.264	.238	.158	.132
DM-15-241J	CM05F241J03	240	.264	.238	.158	.132
DM-15-251J		250	.264	.238	.158	.132
DM-15-271J	CM05F271J03	270	.30	.27	.18	.15
DM-15-301J	CM05F301J03	300	.30	.27	.18	.15
DM-15-331J	CM05F331J03	330	.33	.297	.198	.165
DM-15-361J	CM05F361J03	360	.33	.297	.198	.165
DM-15-391J	CM05F391J03	390	.366	.329	.22	.183
DM-15-431J		430	.366	.329	.22	.183
DM-15-471J		470	.396	.356	.238	.198
DM-15-501J		500	.396	.356	.238	.198
DM-15-511J		510	.396	.356	.238	.198
DM-15-561J*		560	.432	.389	.259	.216
DM-15-621J*		620	.462	.416	.277	.231
DM-15-681J*		680	.498	.448	.299	.249
DM-15-751J*		750	.528	.475	.317	.264
DM-15-821J*		820	.564	.508	.338	.282
DM-15-911J†		910	.63	.567	.378	.315
DM-15-102J†		1000	.66	.594	.396	.33

TYPE DM-16—500 WVDC

DM-16-431J		430	\$0.366	\$0.329	\$0.22	\$0.183
DM-16-471J		470	.396	.356	.238	.198
DM-16-501J		500	.396	.356	.238	.198
DM-16-511J		510	.396	.356	.238	.198
DM-16-561J		560	.432	.389	.259	.216
DM-16-621J		620	.462	.416	.277	.231
DM-16-681J		680	.498	.448	.299	.249
DM-16-751J		750	.528	.475	.317	.264
DM-16-821J		820	.564	.508	.338	.282
DM-16-911J*		910	.594	.535	.356	.297
DM-16-102J*		1000	.63	.567	.378	.315
DM-16-112J*		1100	.66	.594	.396	.33
DM-16-122J*		1200	.696	.626	.418	.348
DM-16-132J*		1300	.762	.686	.457	.381
DM-16-152J†		1500	.66	.594	.396	.33
DM-16-162J†		1600	.696	.626	.418	.348

TYPE DM-19—500 WVDC

(SCDM19 values and prices are the same.)						
Elmenco Number	MIL-C-5C Type	Cap. pF	1-24	25-99	100-499	500-999
DM-19-101J		100	\$0.168	\$0.151	\$0.101	\$0.084
DM-19-111J		110	.198	.178	.119	.099
DM-19-121J		120	.198	.178	.119	.099
DM-19-131J		130	.198	.178	.119	.099
DM-19-151J		150	.198	.178	.119	.099
DM-19-161J		160	.198	.178	.119	.099
DM-19-181J		180	.198	.178	.119	.099
DM-19-201J		200	.198	.178	.119	.099
DM-19-221J		220	.198	.178	.119	.099
DM-19-241J		240	.234	.211	.14	.117
DM-19-251J		250	.234	.211	.14	.117
DM-19-271J		270	.264	.238	.158	.132
DM-19-301J		300	.264	.238	.158	.132
DM-19-331J		330	.264	.238	.158	.132
DM-19-361J		360	.30	.27	.18	.15
DM-19-391J		390	.30	.27	.18	.15
DM-19-431J	CM06F431J03	430	.30	.27	.18	.15
DM-19-471J	CM06F471J03	470	.33	.297	.198	.165
DM-19-501J		500	.33	.297	.198	.165
DM-19-511J	CM06F511J03	510	.33	.297	.198	.165
DM-19-561J	CM06F561J03	560	.366	.329	.22	.183
DM-19-621J	CM06F621J03	620	.366	.329	.22	.183
DM-19-681J	CM06F681J03	680	.396	.356	.238	.198
DM-19-751J	CM06F751J03	750	.396	.356	.238	.198
DM-19-821J	CM06F821J03	820	.396	.356	.238	.198
DM-19-911J	CM06F911J03	910	.432	.389	.259	.216
DM-19-102J	CM06F102J03	1000	.462	.416	.277	.231
DM-19-112J	CM06F112J03	1100	.462	.416	.277	.231
DM-19-122J	CM06F122J03	1200	.498	.448	.299	.249
DM-19-132J	CM06F132J03	1300	.528	.475	.317	.264
DM-19-152J	CM06F152J03	1500	.564	.508	.338	.282
DM-19-162J	CM06F162J03	1600	.594	.535	.356	.297
DM-19-182J	CM06F182J03	1800	.66	.594	.396	.33
DM-19-202J	CM06F202J03	2000	.726	.653	.436	.363
DM-19-222J	CM06F222J03	2200	.792	.713	.475	.396
DM-19-242J	CM06F242J03	2400	.858	.772	.515	.429
DM-19-252J		2500	.894	.805	.536	.447
DM-19-272J	CM06F272J03	2700	.924	.832	.554	.462
DM-19-302J	CM06F302J03	3000	.99	.891	.594	.498
DM-19-332J	CM06F332J03	3300	1.056	.956	.634	.528
DM-19-362J	CM06F362J03	3600	1.122	1.01	.673	.561
DM-19-392J	CM06F392J03	3900	1.188	1.069	.713	.594
DM-19-432J	CM06F432J03	4300	1.254	1.129	.752	.627
DM-19-472J	CM06F472J03	4700	1.32	1.188	.792	.66
DM-19-502J		5000	1.386	1.247	.832	.693
DM-19-512J		5100	1.386	1.247	.832	.693
DM-19-562J*		5600	1.452	1.307	.871	.726
DM-19-622J*		6200	1.518	1.366	.911	.759
DM-19-682J†		6800	1.518	1.366	.911	.759
DM-19-752J†		7500	1.584	1.426	.95	.792

Special Purpose Capacitors

ELMENCO DUR-MICA CAPACITORS (CONT'D)

TYPE DM-20-500 WVDC (CONT'D)

Elmenco Number	MIL-C-5C Type	Cap., pF	Net Each, Lots of			
			1-24	25-99	100-499	500-999
DM-20-152J	1500	\$0.498	\$0.448	\$0.299	\$0.249
DM-20-162J	1600	.528	.475	.317	.264
DM-20-182J	1800	.594	.535	.356	.297
DM-20-202J	2000	.63	.567	.378	.315
DM-20-222J	2200	.696	.626	.418	.348
DM-20-242J	2400	.726	.653	.436	.363
DM-20-252J	2500	.726	.653	.436	.363
DM-20-272J	2700	.792	.713	.475	.396
DM-20-302J	3000	.858	.772	.515	.429
DM-20-332J	3300	.924	.832	.554	.462
DM-20-362J	3600	.99	.891	.594	.495
DM-20-392J	3900	1.056	.95	.634	.528
DM-20-432J	4300	1.122	1.01	.673	.561
DM-20-472J	4700	1.188	1.069	.713	.594
DM-20-502J	5000	1.254	1.129	.752	.627
DM-20-512J	5100	1.29	1.161	.774	.645
DM-20-562J	5600	1.32	1.188	.792	.66
DM-20-622J*	6200	1.32	1.188	.792	.66
DM-20-682J*	6800	1.386	1.247	.832	.693
DM-20-752J†	7500	1.452	1.307	.871	.726
DM-20-822J†	8200	1.584	1.426	.95	.792
DM-20-912J†	9100	1.782	1.604	1.069	.891
DM-20-1032J†	10000	1.98	1.782	1.188	.99

TYPE DM-30-500 WVDC

DM-30-432J	.....	4300	\$1.056	\$0.95	\$0.634	\$0.528
DM-30-472J	.....	4700	1.122	1.01	.673	.561
DM-30-502J	.....	5000	1.188	1.042	.695	.579
DM-30-512J	CM07F512J03	5100	1.158	1.042	.695	.579
DM-30-562J	CM07F562J03	5600	1.188	1.069	.713	.594
DM-30-622J	CM07F622J03	6200	1.254	1.129	.752	.627
DM-30-682J	CM07F682J03	6800	1.386	1.247	.832	.693
DM-30-752J	CM07F752J03	7500	1.518	1.366	.911	.759
DM-30-822J	CM07F822J03	8200	1.65	1.485	.99	.825
DM-30-912J	CM07F912J03	9100	1.782	1.604	1.069	.891
DM-30-103J	CM07F103J03	10000	1.98	1.782	1.188	.99
DM-30-113J	CM07F113J03	11000	2.15	1.94	1.29	1.07
DM-30-123J	CM07F123J03	12000	2.31	2.079	1.386	1.155
DM-30-133J	CM07F133J03	13000	2.478	2.23	1.487	1.239
DM-30-153J	CM07F153J03	15000	2.808	2.527	1.685	1.404
DM-30-163J	CM07F163J03	16000	2.97	2.673	1.782	1.485
DM-30-183J	CM07F183J03	18000	3.30	2.97	1.98	1.65
DM-30-203J	CM07F203J03	20000	3.63	3.267	2.178	1.815
DM-30-223J*	.....	22000	3.762	3.386	2.257	1.881

TYPE DM-30-500 WVDC (CONT'D)

Elmenco Number	MIL-C-5C Type	Cap., pF	Net Each, Lots of			
			1-24	25-99	100-499	500-999
DM-30-243J*	24000	\$4.062	\$3.656	\$2.437	\$2.031
DM-30-253J*	25000	4.224	3.802	2.534	2.112
DM-30-273J*	27000	4.524	4.072	2.714	2.262
DM-30-303J*	30000	4.95	4.455	2.97	2.475
DM-30-333J†	33000	5.448	4.903	3.269	2.724
DM-30-363J†	36000	5.94	5.346	3.564	2.97

TYPE DM-42-500 WVDC

DM-42-103J	.....	10000	\$2.25	\$2.03	\$1.35	\$1.13
DM-42-123J	.....	12000	2.64	2.38	1.58	1.32
DM-42-133J	.....	13000	2.76	2.48	1.66	1.38
DM-42-153J	.....	15000	3.12	2.81	1.87	1.56
DM-42-163J	.....	16000	3.36	3.02	2.02	1.68
DM-42-183J	.....	18000	3.66	3.29	2.20	1.83
DM-42-203J	.....	20000	3.96	3.56	2.38	1.98
DM-42-223J	CM08F223J03	22000	4.29	3.86	2.57	2.15
DM-42-243J	CM08F243J03	24000	4.68	4.21	2.81	2.34
DM-42-253J	.....	25000	4.80	4.32	2.88	2.40
DM-42-273J	CM08F273J03	27000	5.19	4.67	3.11	2.60
DM-42-303J	CM08F303J03	30000	5.67	5.10	3.40	2.84
DM-42-333J	CM08F333J03	33000	6.15	5.54	3.69	3.08
DM-42-363J	CM08F363J03	36000	6.75	6.08	4.05	3.38
DM-42-393J	CM08F393J03	39000	7.20	6.48	4.32	3.60
DM-42-433J	CM08F433J03	43000	7.80	7.02	4.68	3.90
DM-42-473J	CM08F473J03	47000	8.40	7.56	5.04	4.20
DM-42-503J	.....	50000	8.85	7.97	5.31	4.43
DM-42-513J	.....	51000	9.00	8.10	5.40	4.50
DM-42-563J*	CM08F513J03*	51000	9.92	7.13	4.75	3.96
DM-42-623J*	CM08F563J03*	56000	8.58	7.72	5.15	4.29
DM-42-683J*	CM08F623J03*	62000	9.30	8.37	5.58	4.65
DM-42-753J†	.....	68000	9.00	8.10	5.40	4.50
DM-42-823J†	.....	75000	9.60	8.64	5.76	4.80
DM-42-823J†	.....	82000	10.20	9.18	6.12	5.10

TYPE DM-43-500 WVDC

Elmenco Number#	Cap., pF	Elmenco Number#	Cap., pF	Elmenco Number#	Cap., pF
DM-43-473J	47000	DM-43-683J	68000	DM-43-114J†	110000
DM-43-503J	50000	DM-43-753J*	75000	DM-43-124J†	120000
DM-43-533J	51000	DM-43-823J*	82000	DM-43-134J†	130000
DM-43-563J	56000	DM-43-913J*	91000	.....	.....
DM-43-623J	62000	DM-43-104J*	100000	.....	.....

*300 WVDC. †100 WVDC. Note: Values listed in DM-30, -42 and -43 cases are "F" characteristic. #Prices on Request.

MALLORY HIGH CAPACITY DRY ELECTROLYTICS



HC and NP capacitors are furnished in heavy-duty molded phenolic cases with integral safety vent. HC types are polarized; NP types are non-polarized. Temp. Range: -20° C to +85° C. Tolerance: Type HC—0-50 WVDC, -10%, +150%; 51-350 WVDC, -10%, +100%; 351 WVDC up, -10%, +50%. Type NP—±25%, all units.

NON-POLARIZED TYPE NP

Mallory No.	Cap., μ F	WV DC	* Size	Net Each
NP0340	2,000	25	7	\$ 5.43
NP0555	500	50	5	4.38
NP1225A	200	125	2	4.04
NP1235A	300	125	4	4.87
NP1245	400	125	7	5.69
NP1255A	500	125	5	6.30
NP2514	100	250	5	5.95
NP2520	150	250	5	6.15
NP2525	200	250	7	6.34
NP3003A	15	300	1	2.87
NP3006	30	300	2	3.85
NP3008	50	300	2	5.25
NP3014A	100	300	4	6.13
NP3020	150	300	7	6.56
NP3025	200	300	7	7.00
NP4503	30	450	2	4.90
NP4505	50	450	4	6.30
NP4510	100	450	7	7.70

POLARIZED TYPE HC

Mallory No.	Cap., μ F	WV DC	* Size	Net Each	Mallory No.	Cap., μ F	WV DC	* Size	Net Each
HC1020A	2,000	10	1	\$ 3.36	HC10005	500	100	2	\$ 4.20
HC1040A	4,000	10	2	4.60	HC10010	1,000	100	5	5.86
HC1060A	6,000	10	8	5.20	HC10015	1,500	100	7	6.44
HC1080	8,000	10	5	6.00	HC15005	500	150	4	5.09
HC10100	10,000	10†	7	7.82	HC15010A	1,000	150	5	6.84
HC10120	12,000	10	7	7.34	HC20002	200	200	4	4.08
HC10150	15,000	10	7	7.67	HC20005	500	200	7	5.97
HC1520A	2,000	15	1	3.47	HC2005A	500	200	4	5.53
HC1540A	4,000	15	3	5.37	HC25001	100	250	2	4.59
HC1560A	6,000	15	4	5.62	HC25002	200	250	4	4.88
HC1580	8,000	15	7	6.62	HC25003	300	250	5	5.37
HC15100	10,000	15	7	7.14	HC25004	400	250	7	5.64
HC2050-50	2x5,000	20	7	8.00	HC35001	100	350	4	4.88
HC2060	6,000	20	7	6.60	HC35002	200	350	5	5.93
HC2060A	6,000	20†	5	6.11	HC35003	300	350	7	6.97
HC20250	25,000	20	9	12.88	HC45001	100	450	4	5.97
HC2510A	1,000	25	1	3.19	HC45002	200	450	7	7.47
HC2520A	2,000	25	2	4.15	HC45003	300	450	7	8.47
HC2530	3,000	25	4	4.88	.....	.....	.....	.....	.....
HC2540A	4,000	25	4	5.58	.....	.....	.....	.....	.....
HC2550	5,000	25	7	6.30	.....	.....	.....	.....	.....
HC4040	4,000	40	4	7.54	.....	.....	.....	.....	.....
HC4040A	4,000	40	5	6.38	.....	.....	.....	.....	.....
HC4060	4,000	40	7	7.81	.....	.....	.....	.....	.....
HC5005	1,500	50	2	3.60	.....	.....	.....	.....	.....
HC5005A	500	50	1	3.33	.....	.....	.....	.....	.....
HC5010A	1,000	50	2	4.25	.....	.....	.....	.....	.....
HC5020A	2,000	50	4	5.06	.....	.....	.....	.....	.....
HC5030	3,000	50	7	7.00	.....	.....	.....	.....	.....
HC5040	4,000	50	7	7.32	.....	.....	.....	.....	.....
HC8005	500	80	2	3.85	.....	.....	.....	.....	.....
HC8010	1,000	80	4	5.34	.....	.....	.....	.....	.....
HC8020	2,000	80	7	6.62	.....	.....	.....	.....	.....

†Semi-polarized.

*HC AND NP CASE SIZES

Code	Size, In.	Use Hardware No. for
	Dia. x Lg.	Cap Brkt. Clamp
1	1 1/8 x 2 3/8	PL3, PLA3 HB2 VR3
2	1 1/8 x 3 3/8	PL3, PLA3 HB4 VR3
3	1 1/8 x 4 3/8	PL3, PLA3 HB8 VR3
4	1 1/8 x 5 3/8	PL6, PLA6 HB4 VR6
5	1 1/8 x 6 3/8	PL6, PLA6 HB8 VR6
6	2 1/8 x 3 3/8	PL8, PLA8 HB4 VR8
7	2 1/8 x 4 3/8	PL8, PLA8 HB8 VR8
8	1 3/8 x 4 3/8	..... VR4
9	3 x 4 3/8	..... VR12

SPRAGUE HYPASS® CAPACITORS



• Suppress TVI from short-wave transmitters, diathermy machines, electronic heating apparatus, etc.

• Install leads in series with circuit being filtered and ground the case.

Sprague No.	μ F	WVDC	Dia. x L. Inches	Net Each	Sprague No.	μ F	WVDC	Dia. x L. Inches	Net Each
48P18	.5	50	1 x 1 13/16	\$2.28	48P8*	.1	600	1 1/8 x 1 13/16	\$1.56
48P100	.5	50	1 x 1 13/16	3.75	80P3†	.1	600	1 1/8 x 1 13/16	1.77
48P10*	.25	200	1 x 1 13/16	1.56	48P12*	.25	600	1 x 1 13/16	1.65
48P14*	.5	200	1 x 1 13/16	1.89	48P16*	.5	600	1 x 2 1/8	2.10
48P9*	.1	250†	1 1/8 x 1 13/16	1.56					